

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A support beam in an easily polymerizeable substance treatment apparatus for supporting or reinforcing an internal provided in the easily polymerizeable substance treatment apparatus[;], comprising:

an internal mounting portion to which the internal is attached, and a folded-back portion which is folded back so that at least part of the folded-back portion is inclined downward with respect to a horizontal direction ~~of the internal mounting portion~~, wherein

an angle α formed by the folded-back portion and the horizontal direction ~~of the internal mounting portion~~ is $0^\circ < \alpha < 90^\circ$.

Claim 2 (Currently Amended): The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the easily polymerizeable substance is at least one substance selected from the group consisting of (meth)acrolein, (meth)acrylic acid and a (meth)acrylic acid ester.

Claim 3 (Canceled).

Claim 4 (Previously Presented): The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the angle α is $10^\circ \leq \alpha \leq 45^\circ$.

Claim 5 (Previously Presented): The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the support beam is stainless steel.

Claim 6 (Currently amended): An easily polymerizeable substance treatment apparatus, comprising: an internal provided in the easily polymerizeable substance treatment apparatus, and a support beam that supports or reinforces the internal; the support beam ~~having~~ comprising an internal mounting portion to which the internal is attached, and a folded-back portion which is folded back so that at least part of the folded-back portion is inclined downward with respect to a horizontal direction ~~of the internal mounting portion,~~
wherein an angle α formed by the folded-back portion and the horizontal direction ~~of the internal mounting portion~~ is $0^\circ < \alpha < 90^\circ$.

Claim 7 (Currently Amended): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the easily polymerizeable substance is at least one substance selected from the group consisting of (meth)acrolein, (meth)acrylic acid and a(meth)acrylic acid ester.

Claim 8 (Canceled).

Claim 9 (Previously Presented): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the angle α is $10^\circ \leq \alpha \leq 45^\circ$.

Claim 10 (Previously Presented): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the support beam is stainless steel.

Claim 11 (Currently Amended): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the treatment of the easily polymerizable substance is distillation or absorption ~~absorbtion~~.

Claim 12 (Currently amended): The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the folded back portion comprises (i) a horizontal portion attached to a connecting portion and (ii) an inclined portion attached to the horizontal portion, wherein

an angle α formed by the portion (i) and the portion (ii) ~~the inclined portion of the folded back portion and the horizontal portion of the folded back portion~~ is $0^\circ < \alpha < 90^\circ$.

Claim 13 (Currently amended): The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the folded back portion comprises an inner surface ~~directed~~ facing toward the internal mounting portion and an outer surface ~~directed~~ facing away from the internal mounting portion and the inner surface is parallel to the outer surface.

Claim 14 (Currently amended): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the folded back portion comprises (i) a horizontal portion attached to a connecting portion and (ii) an inclined portion attached to the horizontal portion, wherein

an angle α formed by the portion (i) and the portion (ii) ~~the inclined portion of the folded back portion and the horizontal portion of the folded back portion~~ is $0^\circ < \alpha < 90^\circ$.

Claim 15 (Currently amended): The easily polymerizeable substance treatment apparatus according to claim 6, wherein the folded back portion comprises an inner surface ~~directed~~ facing toward the internal mounting portion and an outer surface ~~directed~~ facing away from the internal mounting portion and the inner surface is parallel to the outer surface.